

# Engaging expert communities in development of content of Russia's regional geoportals (case study: "river basins in European Russia" geoportal)

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## Abstract

© Published under licence by IOP Publishing Ltd. The purpose of this study is to attract expert communities' intellectual resources to the process of developing a geoportal entitled «River Basins in European Russia». The results of a survey of experts (n=100) have shown that more than half of respondents had used a variety of geoportals' data in their professional life. Data on digital relief models, streamflows and landscape maps are of greatest interest. In order to obtain a comprehensive social and ecological analysis of the territory, experts have expressed interest in placing data on population in the basins and its density, the volume of used natural resources, and recreational zones on the designed geoportal. In practical sense, our study can be viewed as a fruitful ground for the development of upward vertical communication (from citizens to the government) and partially horizontal communication among citizens via their engagement in the environmental decision-making process.

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